

Figure S1. ^1H NMR (DMSO-d_6) spectrum of PS-40

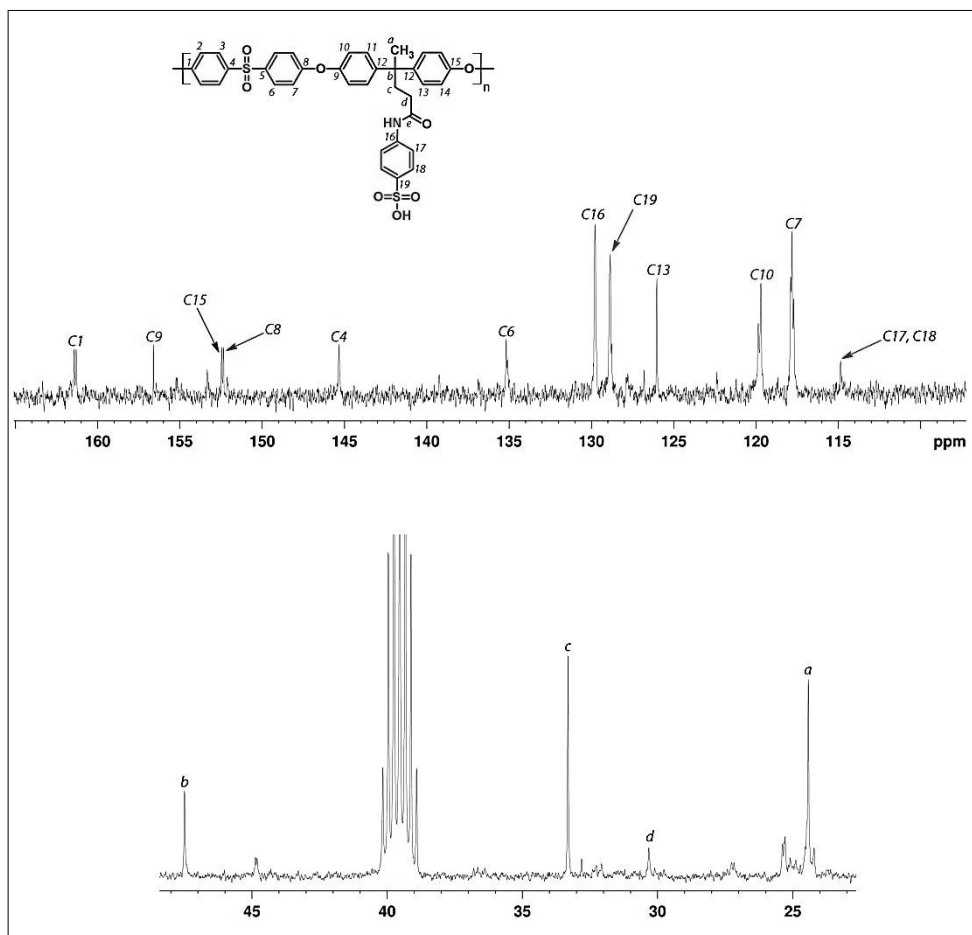


Figure S2. ^{13}C NMR (DMSO-d_6) spectrum of PS-40

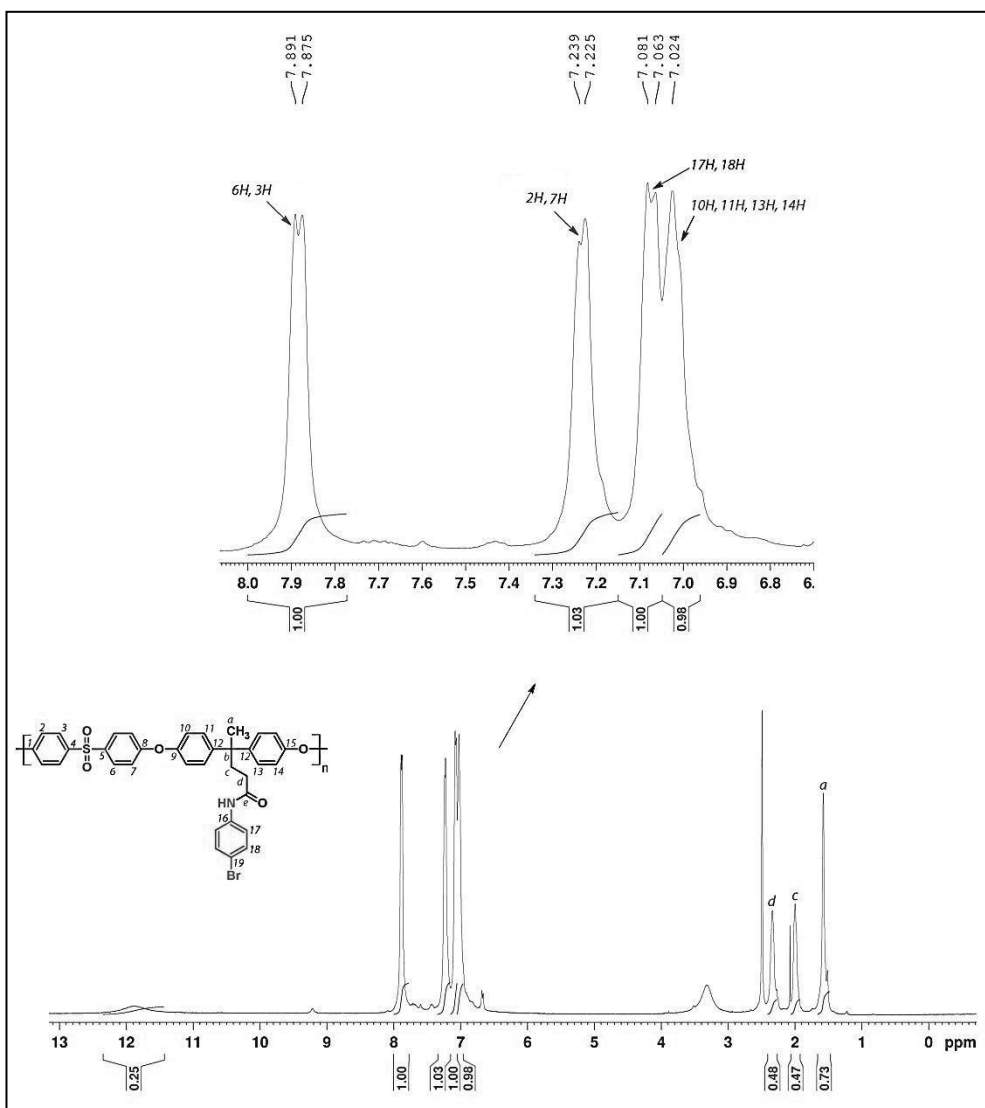


Figure S3. ^1H NMR (DMSO-d_6) spectrum of PP-40

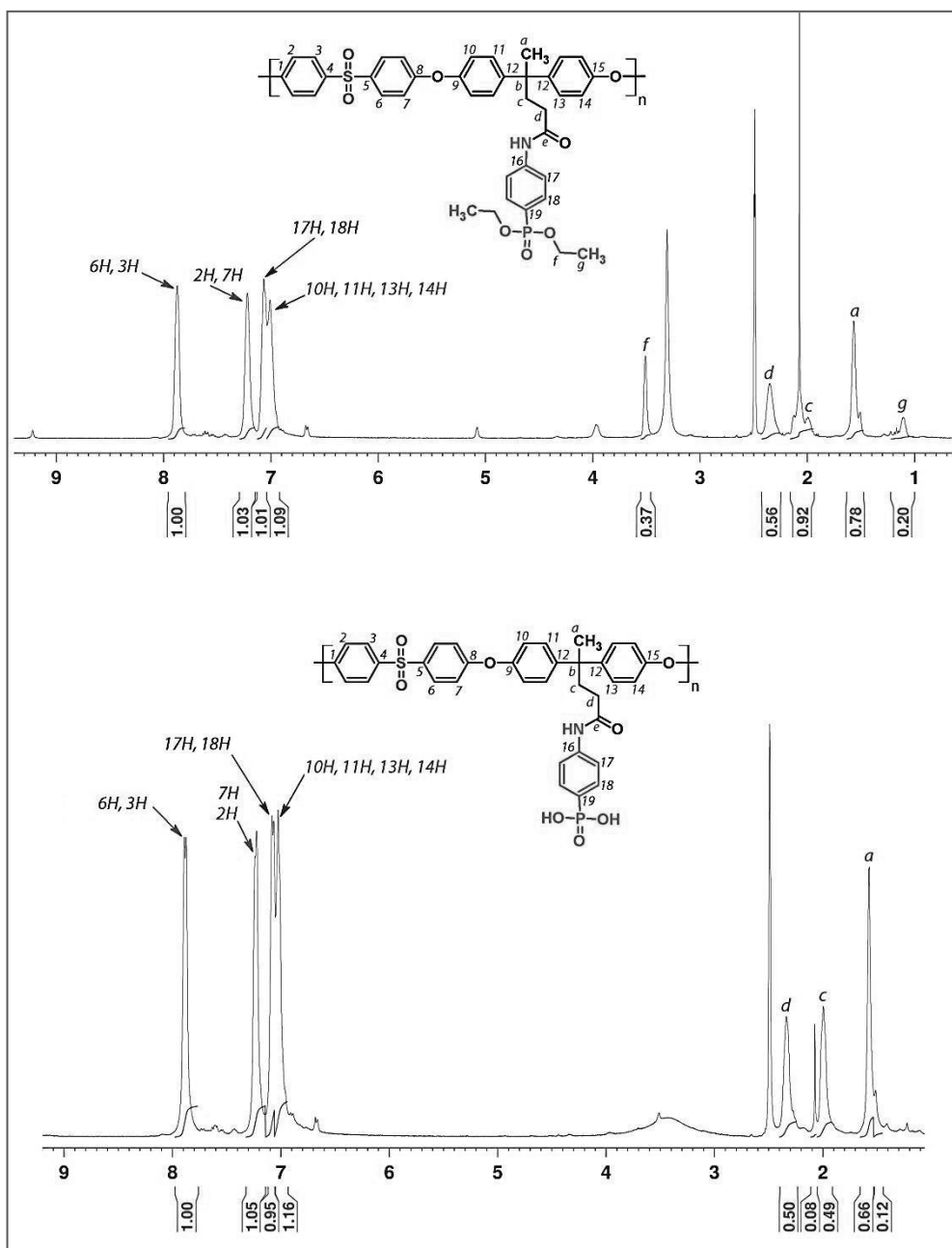


Figure S4. ^1H NMR (DMSO- d_6) spectrum of PE-40 and PA-40

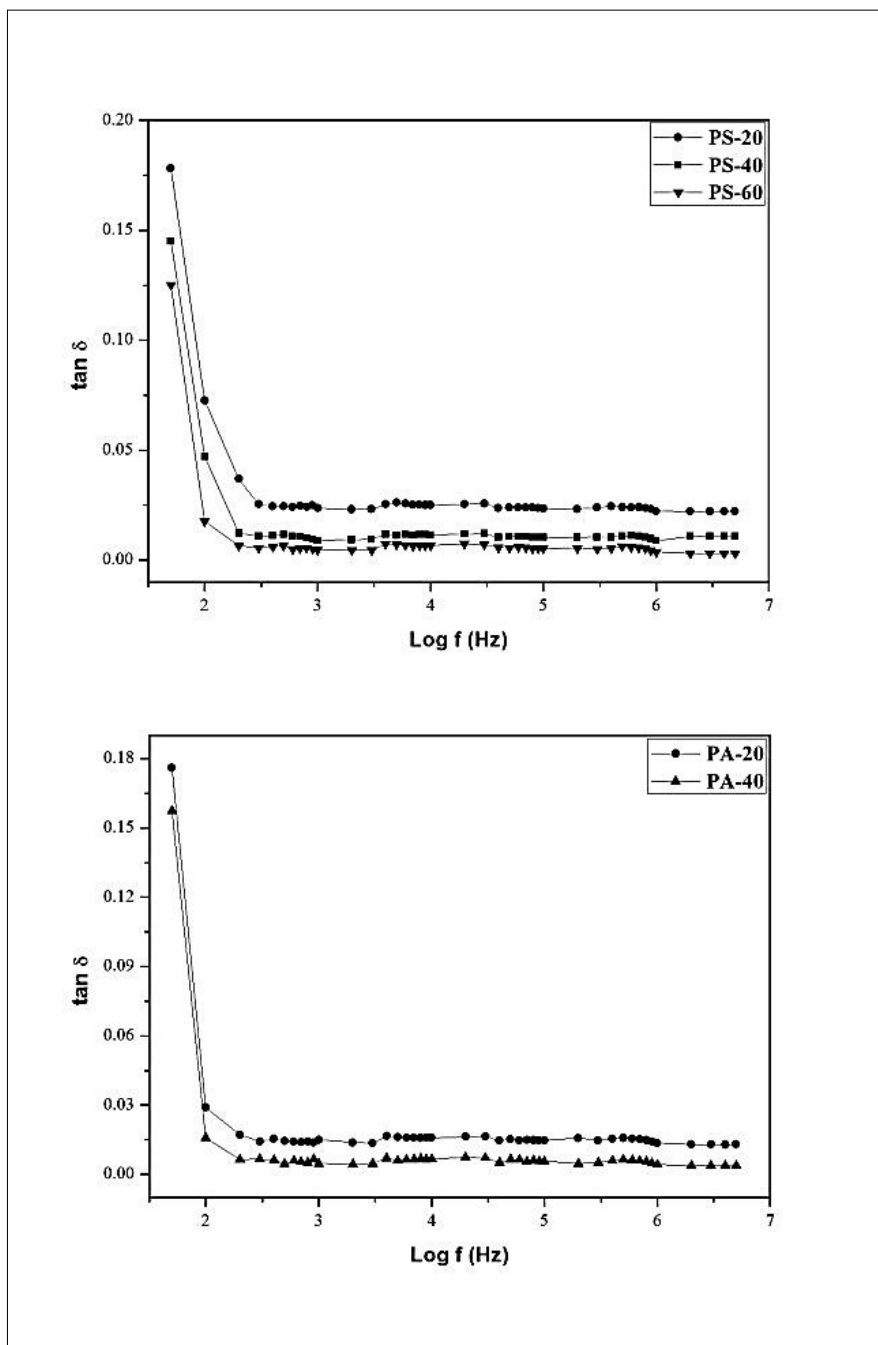


Figure S5. Room temperature variation of loss tangent on log (frequency) for phosphonated derivatives of modified VALPSU Polymer